

Title (en)
STRETCHABLE FILM

Title (de)
DEHNFOLIE

Title (fr)
FILM ÉTIRABLE

Publication
EP 3981593 A4 20230705 (EN)

Application
EP 20818231 A 20200604

Priority
• JP 2019106404 A 20190606
• JP 2020022079 W 20200604

Abstract (en)
[origin: EP3981593A1] Provided is a stretchable film (1, 2) including an elastomer layer (10), and a surface layer (20, 22) provided on any one or both of a first surface (10a) and a second surface (10b) of the elastomer layer (10), in which the surface layer (20, 22) contains one or more polypropylene-based resins selected from the group consisting of block polypropylene, which is a copolymer with ethylene, and random polypropylene, which is a copolymer with ethylene, and calcium carbonate, a content of the calcium carbonate in the surface layer (20, 22) is 10% to 75% by mass with respect to a total mass of the surface layer (20, 22), a thickness of the elastomer layer (10) is 20 μm to 55 μm , and a thickness of the surface layer (20, 22) is 0.4 μm to 5.0 μm .

IPC 8 full level
B32B 25/08 (2006.01); **B32B 27/08** (2006.01); **B32B 27/18** (2006.01); **B32B 27/20** (2006.01); **B32B 27/30** (2006.01); **B32B 27/32** (2006.01); **C08K 3/26** (2006.01); **C08L 23/12** (2006.01); **C08L 23/16** (2006.01)

CPC (source: CN EP KR US)
B32B 25/08 (2013.01 - CN); **B32B 27/08** (2013.01 - EP US); **B32B 27/18** (2013.01 - EP); **B32B 27/20** (2013.01 - CN KR US); **B32B 27/302** (2013.01 - EP); **B32B 27/32** (2013.01 - CN EP KR US); **C08K 3/26** (2013.01 - CN EP KR); **C08L 23/16** (2013.01 - CN KR); **B32B 2250/03** (2013.01 - US); **B32B 2250/24** (2013.01 - US); **B32B 2264/104** (2013.01 - US); **B32B 2274/00** (2013.01 - EP US); **B32B 2307/306** (2013.01 - EP US); **B32B 2307/308** (2013.01 - US); **B32B 2307/51** (2013.01 - EP US); **B32B 2307/732** (2013.01 - EP US); **B32B 2323/16** (2013.01 - KR); **B32B 2437/00** (2013.01 - EP); **B32B 2535/00** (2013.01 - EP); **C08K 2003/265** (2013.01 - EP KR); **C08L 23/12** (2013.01 - EP)

C-Set (source: EP)
C08K 3/26 + **C08L 23/16**

Citation (search report)
• [X] US 2017203554 A1 20170720 - TAKAHASHI HIDEAKI [JP], et al
• [X] WO 2018123439 A1 20180705 - NITTO DENKO CORP [JP] & US 2019291391 A1 20190926 - TAKEDA KOHEI [JP], et al
• [A] JP 2013014127 A 20130124 - MITSUBISHI CHEM CORP
• [A] JP 2013119583 A 20130617 - MITSUBISHI CHEM CORP
• [A] US 6635715 B1 20031021 - DATTA SUDHIN [US], et al
• [A] JP 5948537 B2 20160706
• [X] US 2018133357 A1 20180517 - TAKEDA KOHEI [JP], et al
• See also references of WO 2020246536A1

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DOCDB simple family (publication)
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DOCDB simple family (application)
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